



PRICE SCHEDULE FOR BULLETIN 1772 PROGRAMMABLE CONTROLLERS

BASIC PLC-2 PROCESSOR		
CAT. NO.	DESCRIPTION	PRICE
1772-LP1	Basic PLC-2/20 Processor (8K RAM capacity), consisting of: 1 Processor Chassis (Cat. No. 1772-LA) 1 Processor Control Module (Cat. No. 1772-LE) 1 Processor Interface Module (Cat. No. 1772-LF) 1 Memory Module, 8K RAM capacity (Cat. No. 1772-ME) 2 Alkaline Batteries (Cat. No. 1771-BA) ¹ 1 Power Supply Module (Cat. No. 1772-P1) 1 Cover for Power Supply (Cat. No. 1772-LA1) 1 Cover with Diagnostic Bezel (Cat. No. 1772-LA2) 1 Programming and Operations Manual (Pub. No. 1772-802) 1 Installation and Assembly Manual (Pub. No. 1772-801) NOTE: Memory Segments (Cat. No. 1772-MS or Cat. No. 1772-MT) must be purchased separately (four segments maximum).	\$1,850.00

MINI-PROCESSOR MODULE ²		
CAT. NO.	DESCRIPTION	PRICE
1772-LN1	Mini-Processor Module, 512 word capacity (16 bit), RAM memory	\$670.00
1772-LN2	Mini-Processor Module, 1024 word capacity (16 bit), RAM memory	785.00
1772-LN3	Mini-Processor Module, 1024 word capacity (16 bit), RAM memory, includes Block Transfer, multiply, and divide	975.00 *
1772-MH	Memory Expansion, 512 words; expands Cat. No. 1772-LN1 capacity ³	110.00
1772-U21	Factory update of 1772-LN1 to 1772-LN3 ⁴	460.00 *
1772-U22	Factory update of 1772-LN2 to 1772-LN3 ⁴	300.00 *
1772-U30	Factory Memory Expansion, 512 Words; expands Cat. No. 1772-LN1 Capacity ⁴	170.00

¹ Users may optionally purchase lithium batteries. See Replacement Parts later in this Publication.

² The Mini-Processor Module must be placed in a Bulletin 1771 I/O Chassis which contains I/O modules, has a System Power Supply powering it, and has appropriate Power Cables. The user specifies these items and orders them separately.

³ It is recommended that the user purchase a CMOS work station prior to performing the memory expansion (see Pub. No. 1772-703).

⁴ All 1772-LN1 and 1772-LN2 Modules and orders are to be sent to:

Allen-Bradley Co.
Programmable Controller Systems Division
8440 Darrow Road
Twinsburg, Ohio 44087
ATTN: Customer Service

All modules are warranted for 90 days or the balance of the existing warranty, whichever is longest.

* New or selected change item

Discount Schedule U

Publication 1772-47 — November 1, 1980
Supersedes Publication 1772-47 Dated March 31, 1980

MEMORY EXPANSION		
CAT. NO.	DESCRIPTION	PRICE
1772-MT	Memory Segment (512 words/RAM) (For use with PLC-2/20 only)	\$170.00 *
1772-MS	Memory Segment (2048 words/RAM) (For use with PLC-2/20 only)	650.00 *

TERMINALS		
CAT. NO.	DESCRIPTION	PRICE
1770-T1	Industrial Terminal System (For use with PLC-2, PLC-2/20, and Mini-PLC-2), consisting of: 1 Industrial Terminal (Cat.No 1770-TA) 1 PLC-2 Keyboard (Cat. No. 1770-FC) consisting of: 1 PLC-2 Keyboard Module (Cat. No. 1770-FCC) 1 Alphanumeric Keytop Overlay (Cat. No. 1770-KAA) 1 PLC-2 Keytop Overlay (Cat. No. 1770-KCA) 1 Program Panel Interconnect Cable (Cat. No. 1772-TC) 1 CRT Troubleshooting Plug (Cat. No. 1774-TT) 1 Keyboard Connector Cover (Cat. No. 1770-XB)	\$2,650.00
1770-T2	Industrial Terminal System (For use with PLC, PLC-2, PLC-2/20, and Mini-PLC-2), consisting of: 1 Industrial Terminal (Cat. No. 1770-TA) 1 PLC/PLC-2 Keyboard (Cat. No. 1770-FA) consisting of: 1 PLC/PLC-2 Keyboard Module (Cat. No. 1770-FAC) 1 Alphanumeric Keytop Overlay (Cat. No. 1770-KAA) 1 PLC Keytop Overlay (Cat. No. 1770-KBA) 1 PLC-2 Keytop Overlay (Cat. No. 1770-KCA) 1 Program Panel Interconnect Cable (Cat. No. 1772-TC) 1 Program Panel Interconnect Cable (Cat. No. 1774-TC) 1 CRT Troubleshooting Plug (Cat. No. 1774-TT) 1 Keyboard Connector Cover (Cat. No. 1770-XB)	3,210.00

BULLETIN 1771 UNIVERSAL I/O EQUIPMENT

CHASSIS		
CAT. NO.	DESCRIPTION	PRICE
1771-A1	32-I/O Chassis Assembly, consisting of: 1 32-I/O Chassis (Cat. No. 1771-AA) 4 Field Wiring Arms (Cat. No. 1771-WA) 1 I/O Rack Keying Bands package, 18 per package (Cat. No. 1777-RK)	\$215.00
1771-A2	64-I/O Chassis Assembly, consisting of: 1 64-I/O Chassis (Cat. No. 1771-AB) 8 Field Wiring Arms (Cat. No. 1771-WA) 1 I/O Rack Keying Bands package, 18 per package (Cat. No. 1777-RK)	295.00
1771-A4	128-I/O Chassis Assembly, consisting of: 1 128-I/O Chassis (Cat. No. 1771-AD) 16 Field wiring Arms (Cat. No. 1771-WA) 2 I/O Rack Keying Bands packages, 18 per package (Cat. No. 1777-RK)	435.00

INPUT MODULES		
CAT. NO.	DESCRIPTION	PRICE
1771-IA	AC/DC (120V) Input Module, 8 circuits	\$135.00
1771-IB	DC (12-24V Input Module, 8 circuits	125.00
1771-IC	DC (48V) Input Module, 8 circuits	125.00
1771-IH	DC (24-48V) Input Module, 8 circuits	125.00
1771-IG	TTL Input Module Assembly, 8 circuits per module. User selectable High True/Low True logic levels, consisting of: 1 TTL Input Module (Cat. No. 1771-IGC) 1 Field Wiring Arm, 10 terminals (Cat. No. 1771-WC) 1 Product Data Sheet (Pub. No. 1771-913)	110.00
1771-ID	Isolated AC/DC (120V) Input Module Assembly, 6 circuits, consisting of: 1 Isolated AC/DC (120V) Input Module (Cat. No. 1771-IDC) 1 Field Wiring Arm, 12 Terminals (Cat. No. 1771-WD) 1 Product Data Sheet (Pub. No. 1771-926)	100.00
1771-IJ	Encoder/Counter Module Assembly, TTL (5V DC) Input/Output consisting of: 1 Encoder/Counter Module 5V DC (Cat. No. 1771-IJC) 2 Field Wiring Arm, 12 Terminals (Cat. No. 1771-WB) 1 Product Data Sheet (Pub. No. 1771-928)	650.00 *
1771-IK	Encoder/Counter Module Assembly, 12-24V DC Input/Output consisting of: 1 Encoder/Counter Module, 12-24V DC (Cat. No. 1771-IKC) 2 Field Wiring Arm, 12 Terminals (Cat. No. 1771-WB) 1 Product Data Sheet (Pub. No. 1771-928)	650.00 *
1771-IM	AC/DC (220V/240V) Input Module, 8 circuits, includes: 1 Product Data Sheet (Pub. No. 1771-927)	110.00
1771-IT	DC (12-24V) Fast Response Input Module, Includes: 1 Product Data Sheet (Pub. No. 1771-929)	170.00 *
1771-IV	DC (12-24V) Driver Logic Input Module, Includes: 1 Product Data Sheet (Pub. No. 1771-932)	155.00 *

OUTPUT MODULES		
CAT. NO.	DESCRIPTION	PRICE
1771-OA	AC (120V) Output Module (1.5 amperes), 8 driver (source) circuits	\$195.00
1771-OB	DC (12-24V) Output Module (1.5 amperes, 8 driver (source) circuits	185.00
1771-OC	DC (48V) Output Module (1.5 amperes, 8 driver (source) circuits	185.00
1771-OD	Isolated AC (120V) Output Module Assembly, 6 driver (source) circuits, consisting of: 1 Isolated AC (120V) Output Module (Cat. No. 1771-ODC) 1 Field Wiring Arm, 12 Terminals (Cat. No. 1771-WD) 1 Product Data Sheet (Pub. No. 1771-916)	155.00
1771-OG	TTL Output Module Assembly, 8 circuits per module. User selectable High True/Low True logic levels consisting of: 1 TTL Output Module (Cat. No. 1771-OGC) 1 Field Wiring Arm, 10 terminals (Cat. No. 1771-WC) 1 Product Data Sheet (Pub. No. 1771-914)	110.00
1771-OM	AC (220/240V) Output Module, 8 driver (source) circuits. Includes: 1 Product Data Sheet (Pub. No. 1771-925)	155.00
1771-OY	Contact Output Module Assembly, 4 Normally Open, 4 Normally Closed reed relay contacts, consisting of: 1 Contact Output Module (Cat. No. 1771-OYC) 1 Field Wiring Arm (Cat. No. 1771-WD) 1 Product Data Sheet (Pub. No. 1771-919)	150.00

ANALOG INPUT MODULES																		
CAT. NO.	DESCRIPTION	PRICE																
1771-IE	Analog Input Module (8-bit) Assembly, 8 single-ended channels (user specifies current or voltage mode and range, see [1], [2] below, consisting of: 1 Analog Input Module (Cat. No. 1771-IEC) 1 Field Wiring Arm, 12 terminals (Cat. No. 1771-WB) 1 Product Data Sheet (Pub. No. 1771-915) [1] To order the appropriate voltage or current range, a two-digit suffix must be added to the Catalog Number of the Module assembly, as shown below: <table><tr><td>CATALOG NO.</td><td>RANGE</td></tr><tr><td>1771-IE01</td><td>1 to 5 volts</td></tr><tr><td>1771-IE02</td><td>0 to 5 volts</td></tr><tr><td>1771-IE03</td><td>-10 to +10 volts</td></tr><tr><td>1771-IE04</td><td>0 to 10 volts</td></tr><tr><td>1771-IE05</td><td>4 to 20 mA</td></tr><tr><td>1771-IE06</td><td>0 to 20 mA</td></tr><tr><td>1771-IE07</td><td>-20 to +20 mA</td></tr></table> NOTE: When ordering the Module without Field Wiring Arm, the same two-digit suffix must be added to the Module Catalog Number to insure proper handling. Example: The 4 to 20 mA version of the Module would have a Catalog Number of 1771-IEC05. [2] Analog Input Module requires a 1770-P1 or equivalent Power Supply	CATALOG NO.	RANGE	1771-IE01	1 to 5 volts	1771-IE02	0 to 5 volts	1771-IE03	-10 to +10 volts	1771-IE04	0 to 10 volts	1771-IE05	4 to 20 mA	1771-IE06	0 to 20 mA	1771-IE07	-20 to +20 mA	\$565.00
CATALOG NO.	RANGE																	
1771-IE01	1 to 5 volts																	
1771-IE02	0 to 5 volts																	
1771-IE03	-10 to +10 volts																	
1771-IE04	0 to 10 volts																	
1771-IE05	4 to 20 mA																	
1771-IE06	0 to 20 mA																	
1771-IE07	-20 to +20 mA																	
1771-IF	Analog Input Module (12 bit) Assembly, 8 single-ended channels (user specifies current or voltage mode and range, see [1], [2] below), consisting of: 1 Analog Input Module (Cat. No. 1771-IFC) 2 Field Wiring Arm, 12 terminals (Cat. No. 1771-WB) 1 Product Data Sheet (Pub. No. 1771-917) [1] To order the appropriate voltage or current range, a two-digit suffix must be added to the Catalog Number of the Module assembly, as shown below: <table><tr><td>CATALOG NO.</td><td>RANGE</td></tr><tr><td>1771-IF01</td><td>1 to 5 volts</td></tr><tr><td>1771-IF02</td><td>0 to 5 volts</td></tr><tr><td>1771-IF03</td><td>-10 to +10 volts</td></tr><tr><td>1771-IF04</td><td>0 to 10 volts</td></tr><tr><td>1771-IF05</td><td>4 to 20 mA</td></tr><tr><td>1771-IF06</td><td>0 to 20 mA</td></tr><tr><td>1771-IF07</td><td>-20 to +20 mA</td></tr></table> NOTE: When ordering the Module without Field Wiring Arm, the same two-digit suffix must be added to the Module Catalog Number to insure proper handling. Example: The 4 to 20 mA version of the Module would have a Catalog Number of 1771-IFC05. [2] Analog Input Module requires a 1770-P1 or equivalent Power Supply	CATALOG NO.	RANGE	1771-IF01	1 to 5 volts	1771-IF02	0 to 5 volts	1771-IF03	-10 to +10 volts	1771-IF04	0 to 10 volts	1771-IF05	4 to 20 mA	1771-IF06	0 to 20 mA	1771-IF07	-20 to +20 mA	1,000.00 *
CATALOG NO.	RANGE																	
1771-IF01	1 to 5 volts																	
1771-IF02	0 to 5 volts																	
1771-IF03	-10 to +10 volts																	
1771-IF04	0 to 10 volts																	
1771-IF05	4 to 20 mA																	
1771-IF06	0 to 20 mA																	
1771-IF07	-20 to +20 mA																	

ANALOG OUTPUT MODULES																		
CAT. NO.	DESCRIPTION	PRICE																
1771-OF	Analog Output Module (12-bit) Assembly, 4 single-ended channels (user specifies current or voltage mode and range, see [1], [2] below:, consisting of: 1 Analog Input Module (Cat. No. 1771-OFC) 1 Field Wiring Arm, 12 terminals (Cat. No. 1771-WB) 1 Product Data Sheet (Pub. No. 1771-918) [1] To order the appropriate voltage or current range, a two-digit suffix must be added to the Catalog Number of the Module assembly, as shown below: <table> <tr> <th>CATALOG NO.</th> <th>RANGE</th> </tr> <tr> <td>1771-OF01</td> <td>1 to 5 volts</td> </tr> <tr> <td>1771-OF02</td> <td>0 to 5 volts</td> </tr> <tr> <td>1771-OF03</td> <td>-10 to +10 volts</td> </tr> <tr> <td>1771-OF04</td> <td>0 to 10 volts</td> </tr> <tr> <td>1771-OF05</td> <td>4 to 20 mA</td> </tr> <tr> <td>1771-OF06</td> <td>0 to 20 mA</td> </tr> <tr> <td>1771-OF07</td> <td>-20 to +20 mA</td> </tr> </table> NOTE: When ordering the Module without Field Wiring Arm, the same two-digit suffix must be added to the Module Catalog Number to insure proper handling. Example: The 4 to 20 mA version of the Module would have a Catalog Number of 1771-OFC05. [2] Analog Output Module requires a 1770-P1 or equivalent Power Supply	CATALOG NO.	RANGE	1771-OF01	1 to 5 volts	1771-OF02	0 to 5 volts	1771-OF03	-10 to +10 volts	1771-OF04	0 to 10 volts	1771-OF05	4 to 20 mA	1771-OF06	0 to 20 mA	1771-OF07	-20 to +20 mA	\$1,200.00*
CATALOG NO.	RANGE																	
1771-OF01	1 to 5 volts																	
1771-OF02	0 to 5 volts																	
1771-OF03	-10 to +10 volts																	
1771-OF04	0 to 10 volts																	
1771-OF05	4 to 20 mA																	
1771-OF06	0 to 20 mA																	
1771-OF07	-20 to +20 mA																	

POWER SUPPLY EQUIPMENT

AUXILIARY POWER SUPPLIES, CABLES		
CAT. NO.	DESCRIPTION	PRICE
1771-P2	Auxiliary Power Supply, 6.5 amperes; supplies power for up to 128 I/O points in a Bulletin 1771-I/O Chassis used in conjunction with the Bulletin 1772 PLC-2 or Bulletin 1774 PLC Programmable Controllers only.	\$370.00
1771-CE	I/O Power Cable, 1 ft/30.5 cm; for use with a Bulletin 1771 Auxiliary Power Supply when it is mounted on I/O Chassis.	20.00
1771-CD	I/O Power Cable, 5 ft/1.5 m; for use with a Bulletin 1771 Auxiliary Power Supply when it is located up to 5 cable-feet from I/O Chassis.	25.00
1770-P1	Power Supply for two analog input modules (Cat. No. 1771-IE, 1771-IF) consisting of: 1 Power Supply (Cat. No. 1770-P1) 1 Product Data Sheet (Pub. No. 1770-905)	165 .00

MINI PLC-2 POWER SUPPLY, CABLES		
CAT. NO.	DESCRIPTION	PRICE
1771-P1	System Power Supply, 6.5 amperes; supplies power to 1 Mini-PLC-2 Processor Module and up to 128 I/O points in a single Bulletin 1771 Chassis. Consisting of: 1 System Power Supply Unit (Cat. No. 1771-PA) 1 Battery Pack (Cat. No. 1771-BB), consisting of: 1 Battery Housing (Cat. No. 1771-BH) 1 Mounting Hardware Set (Cat. No. 1771-BH) 2 "D" size alkaline batteries (Cat. No. 1771-BA)❶	\$430.00
1771-CL	I/O Power Cable, 1 ft/30.5 cm; for use with System Power Supply when it is mounted on a Bulletin 1771 I/O Chassis	25.00
1771-CM	I/O Power Cable, 5 ft/1.5 m; for use with System Power Supply when it is mounted up to 5 cable-feet distant from a Bulletin 1771 I/O Chassis	35.00

PLC-2 ADAPTER, POWER SUPPLY, CABLES		
CAT. NO.	DESCRIPTION	PRICE
1771-AL	PLC-2 I/O Adapter Module; for use with Local I/O PLC-2 controller	\$160.00
1771-CK	I/O Power cable, 3 ft/91 cm; connects between either PLC-2 Power Supply (System or Auxiliary) and Bulletin 1771 Chassis	20.00
1771-CJ	I/O Power cable, 8 ft/2.4 m; connects between either PLC-2 Power Supply (System or Auxiliary) and Bulletin 1771 Chassis	30.00
1771-P2	Auxiliary Power Supply; used if Bulletin 1772 Power Supplies are not	370.00
1771-CE	I/O Power Cable, 1 ft /30.5 cm; used with Bulletin 1771 Auxiliary Power Supply	20.00
1771-CD	I/O Power Cable, 5 ft /1.5 m; used with Bulletin 1771 Auxiliary Power Supply	25.00

❶ Users may optionally purchase a lithium battery for Series B or later Power Supplies, see Replacement Parts later in this Publication.

❷ When Bulletin 1771 I/O equipment is used in conjunction with the Bulletin 1772 PLC-2 Programmable Controller, an Adapter Module, an I/O Interconnect Cable, and an I/O Power Cable must also be used for each I/O Chassis. An I/O Termination Plug must be used on the last Chassis. The user specifies and orders them separately. Users may need to order a Bulletin 1771 Auxiliary Power Supply, although either of the PLC-2 Power Supplies can perform this function.

MINI PLC-2, PLC-2 DATA HIGHWAY EQUIPMENT

MODULES		
CAT. NO.	DESCRIPTION	PRICE
1771-KA	Communication Adapter Module for interfacing the PLC-2 and Mini-PLC-2 Processors to the Data Highway	\$945.00
1771-KC	Communication Controller Module for interfacing the Data Highway to a computer or other similar RS-232-C device	945.00
1771-KD	Stand-Alone Communication Controller Module for interfacing the Data Highway to a computer or other similar RS-232-C device	945.00

MISCELLANEOUS CABLES AND EQUIPMENT		
CAT. NO.	DESCRIPTION	PRICE
1770-CD	Twinaxial Cable (Note: Minimum order is 100 ft.)	\$0.48/foot
1770-CE	EIA Adapter Cable for interfacing an RS-232-C port to the Communication Controller Module (Cat. No. 1771-KC)	105.00
1771-CN	Data Highway/Processor Cable, 1.5 ft. (0.533 m)	80.00
1771-CO	Data Highway/Processor Cable, 3.5 ft. (1.067 m)	105.00
1771-CR	Data Highway/Processor Cable, 10.5 ft. (3.20 m)	130.00
1770-XG	Connector Kit for adding a dropline to the Data Highway	85.00
1770-XE	15-Pin Connector Kit	10.00
1770-XF	Terminator Set for the Data Highway	65.00

ORDERING INFORMATION

Listed here is a typical example to use as a guide for ordering a PLC-2/20 controller.

Given: a typical PLC-2/20 controller with 1K of memory, 80 inputs of 120V AC, and 24 outputs of 120V AC. Order the following:

Item	Quan.	Cat. No.	Description
1	1	1772-LP1	Basic PLC-2/20 Processor
2	2	1772-MT	Memory Segment (512 Words/RAM)
3	1	1771-A4	128 I/O Rack
4	10	1771-IA	AC/DC (120V) Input Modules
5	3	1771-OA	AC (120V) Output Modules
6	1	1771-CK	I/O Power Cable (3 ft.)
7	1	1771-AL	I/O Adapter Module
8	1	1777-CA	I/O Interconnect Cables
9	1	1777-CP	I/O Termination Plug

*New or selected change item

Programming and Application Engineering — Programming or application engineering assistance is available at the customer's request from the PC Systems Division in Cleveland, Ohio. The rate for such assistance at the customer's site is \$400.00 * net per day or fraction of a day plus travel and expenses at cost. If the work is performed at the PC System Division facility at Cleveland, Ohio, the charge will be \$400.00 per day, or fraction of a day, but no charge for travel expenses will be made. Minimum charges in either case will be \$400.00 * net.

If requested, an estimate of length of time will be furnished; however, these estimates are not firm.

Field Service — On site Field Service is available at any location in the continental United States at the rate of \$350.00 net per day, or fraction of a day, plus travel and expenses at cost. Minimum charge will be \$350.00.

Common support Equipment — Digital Cassette Recorder (Cat. No. 1770-SA), Cassette Tape (Cat. No. 1770-XA) and other common support equipment are listed on Bulletin 1770, Common Support Equipment, Price List SD47.

FEATURES UPDATE

Update Explanation — At various times in the normal product development, enhancements are introduced. These ship as standard with production models. Allen-Bradley optionally makes these features available to users who have earlier equipment and thus this update section is included.

The enhancements are distinguished by Series level designations. Products are introduced as Series A. In August of 1978 Series B features were introduced. In May, 1979 the Series C Processor began to ship. Each is described here.

Series B Enhancements — The Series B features caused changes in three hardware components:

- Processor Control Module
- PLC-2 Program Panel
- PLC/PLC-2 Program Panel Adapter

In general, the Series B features were “firmware” in nature, and thus the update consists of a substitution of programmable read-only memory (PROM) segments, which can be accomplished by Allen-Bradley Customer Service personnel in the field or at the factory.

The Series B enhancements include the following:

- Data Table optionally expandable up to 256 words to provide as many as 104 timers and counters

- New additions to the basic Instruction set: GET BYTE and LIMIT TEST, which act as a programmable “limit switch”
- Peripheral baud rate and/or functions selected from Program Panel keyboard
- Report Generation
- Contact Histogram (display or hardcopy)
- Processor-Modem-Processor link capability

It is strongly recommended that users update **both** the Processor Control Module **and** the programming equipment in order to assure maximum system capability and compatibility.

Series C Enhancements — The Series C enhancement was basically hardware in nature and was made only to provide a shutdown signal to Bulletin 1771 I/O Racks when and if they are powered by a Bulletin 1772 or 1777 Power Supply.

The designation Series C refers to the PLC-2 Processor unit **as a whole**. Specifically, 1 Processor module is affected:

- System Power Supply Module

Until May, 1979, this shipped as Series A. The Series C enhancement **to the Processor** raises this Module to a Series B level.

SERIES B UPDATES 1

CAT. NO.	DESCRIPTION	PRICE
1772-U01	Factory 2 Update for the Processor Control Module (Cat. No. 1772-LB)	\$ 85.00
1772-U02	Field 2 Update for the Processor Control Module (Cat. No. 1772-LB)	55.00 3
1772-U11	Factory 2 Update for the PLC-2 Program Panel (Cat. No. 1772-T1)	215.00
1772-U12	Field 2 Update for the PLC-2 Program Panel (Cat. No. 1772-T1)	170.00
Note: For updates to the PLC/PLC-2 Program Panel Adapter (1772-T4) contact Customer Service at the factory.		

1 Users should update **both** the Processor Control Module **and** the programming equipment in order to assure maximum system capability and compatibility.

2 For factory updates, requests should be sent to the Service Order Department, Allen-Bradley PC Systems Division, Attn: Service Order Coordinator. (Refer to SD15 for specific instructions.)

3 For field updates, contact Customer Service Department, Allen-Bradley PC Systems Division. (Refer to SD15 for specific instructions.)

4 There is an **additional** Customer Service charge at the rate of **\$350.00 per day net** (minimum one-half day) **plus** travel and out of pocket expenses at cost.

Discount Schedule U

REPLACEMENT PARTS

PROCESSOR MODULES AND RELATED PARTS		
CAT. NO.	DESCRIPTION	PRICE
1772-LA	Processor Chassis	\$195.00
1772-LA1	Cover for Power Supply	105.00
1772-LA2	Cover (with Diagnostic Bezel)	45.00
1772-LE	Processor Control Module 1	575.00
1772-LF	Processor Interface Module 1	450.00
1772-LB	Processor Control Module	395.00 *
1772-LC	Processor Interface Module	395.00 *

MEMORY EXPANSION		
CAT. NO.	DESCRIPTION	PRICE
1772-MR	Memory Segment (512 word RAM)	\$170.00 *
1772-MT	Memory Segment (512 words RAM) (For use with PLC-2/20 only)	170.00 *
1772-MS	Memory Segment (2048 words RAM) (For use with PLC-2/20 only)	650.00 *

MEMORY MODULES AND RELATED PARTS		
CAT. NO.	DESCRIPTION	PRICE
1772-ME	Memory Module (8192 word RAM capacity) without Battery or Memory Segments	\$350.00
1772-MG	Memory Module (RAM) without Battery or Memory Segments	395.00

BATTERIES AND RELATED PARTS		
CAT. NO.	DESCRIPTION	PRICE
1772-BG	Memory Battery (GEL-CELL) (For use with 1772-MG only)	\$50.00
1771-BA	Alkaline "D" Size Battery (For use with 1772-ME only)	1.00
1772-BP	Battery Pack (For use with 1772-ME only)	35.00

1 Note: When retrofitted into PLC-2 Processors (Cat. No. 1772-LR), the 1772-LE and 1772-LF Modules must both be used for proper processor operation.

INPUT/OUTPUT RACKS		
CAT. NO.	DESCRIPTION	PRICE
1777-A1	64-I/O Rack, consisting of: 1 64-I/O Rack Chassis (Cat. No. 1777-AA) 1 I/O Adapter Module (Cat. No. 1777-AL)	\$475.00
1777-A2	32-I/O Rack, consisting of: 1 32-I/O Rack Chassis (Cat. No. 1777-AB) 1 I/O Adapter Module (Cat. No. 1777-AL)	385.00
1777-AA	64-I/O Rack Chassis	320.00
1777-AB	32-I/O Rack Chassis	230.00
1777-AL	I/O Adapter Module	155.00
1777-RK	I/O Rack Keying Bands (18 per package)	6.00

INPUT MODULES		
CAT. NO.	DESCRIPTION	PRICE
1777-IA	AC/DC (120V) Input Module, 4 circuit	\$90.00
1777-IB	DC (12-48V) Input Module, 4 circuit	90.00
1777-IG	TTL (5V DC) Input Module, 4 circuit, low true/high true	90.00
1777-IM	AC/DC (220/240V) Input Module, 4 circuit	90.00
1777-IQ	DC (12-24V) Input Module, 4 circuit	90.00
1777-IR	DC (48V) Input Module, 4 circuit	90.00
1777-IT	Fast Response DC Input Module	90.00

OUTPUT MODULES		
CAT. NO.	DESCRIPTION	PRICE
1777-OA	AC (120V) Output Module (2 amps), 4 circuit	\$125.00
1777-OB	DC (12-48V) Output Module (2 amps), 4 driver circuits	125.00
1777-OG	TTL (5V DC) Output Module, 4 circuit, low true/high true	125.00
1777-OM	AC (220/240V) Output Module (2 amps), 4 circuit	160.00

I/O POWER CABLES		
CAT. NO.	DESCRIPTION	PRICE
1777-AC	I/O Power Cable, 8 ft. (2.44 meters)	\$22.00
1777-AD	I/O Power Cable, 3 ft. (0.914 meter)	17.00

FIELD WIRING ARMS		
CAT. NO.	DESCRIPTION	PRICE
1771-WA	Field Wiring Arm, 10 terminals (tin plated)	\$ 8.00
1771-WB	Field Wiring Arm, 12 terminals (gold plated)	12.00
1771-WC	Field Wiring Arm, 10 terminals (gold plated)	12.00
1771-WD	Field Wiring Arm, 12 terminals (tin plated)	12.00

POWER SUPPLY PARTS		
CAT. NO.	DESCRIPTION	PRICE
1771-PA	Power Supply Unit (used with 1771-P1)	\$365.00

BATTERY SUPPLY PARTS		
CAT. NO.	DESCRIPTION	PRICE
1 1771-BH	Battery Housing; used with Bulletin 1771 System Power Supply only	\$35.00
1 1771-BX	Mounting Hardware Set; used to mount Battery Housing to Chassis	21.00
1 1771-BA	Alkaline "D" size battery	1.00
2 1771-BL	Lithium battery; may optionally be used instead of 2 "D" sized alkaline batteries	25.00
1771-BB	Battery Pack, consists of: 1 Battery Housing (Cat. No. 1771-BH) 1 Mounting Hardware Set (Cat. No. 1771-BX) 2 Alkaline Batteries (Cat. No. 1771-BA)	55.00

1 These items also may be ordered as a group with Cat. No. 1771-BB.

2 Consult factory for availability.

I/O RACK ACCESSORIES		
CAT. NO.	DESCRIPTION	PRICE
1777-RK	I/O Rack Keying Bands, 18 per package	\$6.00
1771-XL	Module Group Label Set	4.00
1771-PL	Module Lock	35.00 *

CHASSIS 1		
CAT. NO.	DESCRIPTION	PRICE
1771-AA	32-I/O Chassis	\$178.00
1771-AB	64-I/O Chassis	226.00
1771-AD	128-I/O Chassis	297.00

I/O ADAPTER MODULES		
CAT. NO.	DESCRIPTION	PRICE
1771-AL	PLC-2 I/O Adapter Module	\$160.00
1771-ARC 2	Remote I/O Adapter Module (5000 ft/1525 m capability)	379.00 *

I/O MODULES		
CAT. NO.	DESCRIPTION	PRICE
1771-IDC	Isolated AC/DC (120V) Input Module	\$88.00 *
1771-IGC	TTL Input Module	98.00
1771-IEC	Analog Input Module	553.00
1771-IFC	Analog Input Module (12 bit)	976.00 *
1771-OFC	Analog Output Module (12 bit)	1188.00 *
1771-IKC	Encoder/Counter Module (12-24V DC)	626.00 *
1771-IJC	Encoder/Counter Module (5V)	626.00 *
1771-ODC	Isolated AC (120V) Output Module	143.00
1771-OGC	TTL Output Module	98.00
1771-OYC	Contact Output Module	138.00

1 Field wiring Arms and Keying Bands not included.

2 See Publication SD42 for complete description

* New or selected change item

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POWER SUPPLIES AND RELATED EQUIPMENT		
CAT. NO.	DESCRIPTION	PRICE
1772-P1	System Power Supply (supplies power to PLC-2 Processor and 2 I/O Racks) includes: 1 System Power Supply Module (Cat. No. 1772-PC)	\$425.00
1777-P2	Auxiliary Power Supply (supplies power to 2 I/O Racks) includes: 1 Auxiliary Power Supply Chassis (Cat. No. 1777-LX) 1 Cover for Auxiliary Power Supply (Cat. No. 1777-LA3) 1 Power Supply Card (Cat. No. 1772-PC)	450.00
1777-LA3	Cover for Auxiliary Power Supply Chassis	85.00
1777-LX	Auxiliary Power Supply Chassis	195.00
1772-PC	Power Supply Card	225.00

PROGRAMMING EQUIPMENT		
CAT. NO.	DESCRIPTION	PRICE
1772-T4	Digital Cassette Recorder Cable (8 ft., 2.44 meters) (connects the recorder to the Cat. No. 1772-T1 or 1772-T4) Programming equipment used in conjunction with the PLC Program Panel (Cat. No. 1774-TA)	\$85.00
1772-TH	PLC/PLC-2 Program Panel Adapter includes: 1 PLC/PLC-2 Adapter 1 Program Panel Interconnect Cable (10 ft., 3.05 meters) (Cat. No. 1772-TC) 1 PLC/PLC-2 Program Panel Adapter Cable (3 ft., 0.914 meter) (Cat. No. 1772-TR) 1 Keyhead Conversion Kit (Cat. No. 1774-KH) 1 Power Cord	\$1,840.00

CABLE ASSEMBLIES		
CAT. NO.	DESCRIPTION	PRICE
1772-TC	Program Panel Interconnect Cable (10 ft, 3.05 meters)	\$85.00
1772-TR	PLC/PLC-2 Program Panel Adapter Cable (3 ft., 0.914 meter)	85.00
1777-CA	I/O Interconnect Cable, 3 ft/91 cm; connects Processor with I/O Adapter Module; connects Adapter Module in one Chassis with the same in next Chassis	105.00
1777-CB	I/O Interconnect Cable. 6 ft/1.83 m; same function as 1777-CA, above	115.00
1777-CP	I/O Termination Plug; one must be used in last I/O Rack ¹	16.00

¹ Users may have a plug in an operating controller system. If it is a new system, a plug must be ordered for use in the last I/O Rack

FUSE PACKAGES		
CAT. NO.	DESCRIPTION	PRICE
1772-FP	Spare Fuse Assortment (Processor and Program Panel), includes: 2 .25A DC Fuses 2 .50A DC Fuses 2 1.0A AC Fuses 2 2.0A AC Fuses 2 10A AC Fuses 2 1/16A AC Fuses	\$4.00
1777-FA	Spare AC Output Module Fuses; contains five 2 amp AC Fuses	1.10
1777-FD	Spare DC Output Module Fuses; contains five 2 amp DC Fuses	7.50
1771-FP	Fuse Package; for use with Cat. No. 1771-P1 and -P2 Power Supplies. Includes: 5 1A slow-blow fuses for 120V use 5 0.5A slow-blow fuses for 220/240V use	5.00
1771-FC	Fuse Package; for use with Cat. No. 1771 Output Modules. Includes 5 2A, 120V fuses	5.00

DOCUMENTATION		
CAT. NO.	DESCRIPTION	PRICE
1777-BD	PLC-2 Block Diagrams Vol. 1, Modules, Cables, and Power Supplies	\$130.00 NET
1772-ND	PLC-2 Block Diagrams Vol. 2, Processor Modules and Interface Modules	110.00 NET
1772-UM	PLC-2 User's Manual	11.00
1772-802	PLC-2/20 Programming and Operations Manual	5.00
1772-801	PLC-2/20 Installation and Assembly Manual	5.00
1771-ND	Block Diagrams, Vol. 2; contains Mini-PLC-2 Processors, I/O Adapters, Analog I/O Modules, Contact Output Module. Note: Requires a Non Disclosure Agreement. Consult factory before ordering.	110.00 NET

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